

豆科黄华属模式及其相关种名的考证

萨仁, 陈家瑞

(中国科学院植物研究所标本馆, 北京 100093)

摘要: 长期以来, *Thermopsis lanceolata* R. Br. 被误认为是黄华属的模式。根据有关文献考证和国际植物命名法规, 作者认为 *T. lanceolata* 是一个不合法名, 黄华属的合法模式应为 *Thermopsis lupinoides* (L.) Link。分布于东北亚, 花序具互生花的黄华长期被误定为 *T. lupinoides* (L.) Link, 应更正为 *Thermopsis fabacea* (Pall.) DC.。

关键词: 黄华属; 模式考证

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Examination of the Type and Related Species in *Thermopsis* R. Br. Aiton et W. T. Aiton (Leguminosae)

SA Ren, CHEN Chia - Rui

(Herbarium, Institute of Botany, Chinese Academy of Sciences, Beijing 100093, China)

Abstract: *Thermopsis lanceolata* R. Br. has been taken as the type of *Thermopsis* for a long time. According to the International Code of Botanical Nomenclature, *T. lanceolata* is an illegitimate name, and the type of the genus should be *T. lupinoides* (L.) Link. The species with alternate flowered inflorescence distributed in northeastern Asia which has incorrectly been identified as *T. lupinoides* (L.) Link before, should be determined as *T. fabacea* (Pall.) DC..

Key words: *Thermopsis*; Examination

To make sure that the legal name of the taxon being utilized is based on taxonomy and related sciences. In the course of studying the systematics of *Thermopsis*, the authors found the typification and some nomenclature problems existed in the genus.

Thermopsis was established by Robert Brown in 1811, and the type being designed as *T. lanceolata*. However, before the publication of *Thermopsis*, the species of the genus had already been described in *Sophora* firstly. In 1751, Linneaus firstly described the species of *Thermopsis* as *S. lupinoides* in " *Amoenitates Academicæ*", and divided it into two varieties. The species with verticillate flowered inflorescences was var. β , and with alternate flowered inflorescences was var. α . Later, in his " *Species Plantarum*" (1753), Linneaus treated the var. β as *Sophora lupinoides*. According to the International Code of Botanical Nomenclature, the *lupinoides* should be the legal basionym of the

species with verticillate flowered inflorescences in *Thermopsis*. So, the type of *Thermopsis* should be *T. lupinoides*, and *T. lanceolata* is an illegitimate name. But *T. lanceolata* has still been utilized (Steinberg, 1945; Wei, 1998), and even being taken as the type of *Thermopsis* (Index Kewensis, Czefranova, 1958, Hutchinson, 1964, Peng et al., 1992).

The result of examination indicates that the legal name of the species with alternate flowered inflorescences and distributed in Northeast Asia should be *T. fabacea* (Pall.) DC., but not *T. lupinoides* (L.) Link, which was incorrectly identified by Czefranova (1958), Zoku (1965), Wei (1998).

Thermopsis R. Br. ex Aiton et W. T. Aiton in Aiton & W. T. Aiton, Hortus Kewensis, ed. 2, 3: 3. 1811. TYPE: *T. lanceolata* R. Br. ex Aiton et W. T. Aiton, nom. illeg. = *Sophora lupinoides* L. = *Thermopsis lupinoides* (L.) Link

— *Thermia* Nutt. Gen. N. Amer. Pl. 1: 282. 1818. — TYPE: *Thermia rhombifolia* (Pursh) Nutt.

— *Scolobus* Raf., Amer. Monthly Mag. Crit. Rev. 4: 193. 1819. — TYPE: *Scolobus rhombifolia* (Nutt. ex Pursh) Raf.

— *Drepilia* Raf., N. Fl. 2: 52. 1836 [1837]. — TYPE: *Drepilia rhombifolia* (Nutt. ex Pursh) Raf.

Thermopsis lupinoides (L.) Link in Enum. Spec. Berol. 1: 401, 1821.

— *Sophora lupinoides* var. β L. Amon. Acad. 2: 350. 1751.

— *Sophora lupinoides* L. Sp. Pl. 374. 1753.

— *Podalyria lupinoides* Willd. Sp. Pl. 2: 504. 1799.

— *T. lanceolata* R. Br. ex Aiton et W. T. Aiton in Aiton & W. T. Aiton, Hort. Kew. ed. 2, 3: 3. 1811; DC. Prodr. 2: 99. 1825; Ldb., in Fl. Alt. 2: 112. 1830; Ldb., in Fl. Ross. 1: 510. 1842; Steinb. in Kom., Fl. URSS 11: 39. 1945; Czefr. in Act. Inst. Bot. Acad. Sci. URSS Ser. I, 12: 43. 1958; Inst. Bot. Acad. Sin., Icon. Corm. Sin. 2: 365. f. 2459. 1955; X. Q. Fu in Y. C. Ma, Fl. Intramong. 3: 143. 1977; et Fl. Intramong. ed. 2, 3: 190. 1989; P. C. Li in C. Y Wu., Fl. Xizang. 2: 722. 1985; S. Q. Wei in H. B., Fl. Reipubl. Popul. Sin. 42 (2): 402. 1999.

T. fabacea (Pall.) DC. Prodr. 2: 99. 1825; Ldb., Fl. Ross. 1: 511. 1842; Steinb. in Kom., Fl. URSS 11: 43. 1945.

— *Sophora fabacea* Pall. Sp. Astr. Descr. 122. tab. 90. 1800.

— *T. lupinoides* (L.) Link Czefr. in Act. Inst. Bot. Acad. Sci. URSS I, 12: 28. 1958; Zoku, in Frederick & Egbert, Fl. Japan 556. 1965; S. Q. Wei in H. B Cui, Fl. Reipubl. Popul. Sin. 42 (2): 399. 1998.

References

Hutchinson J, 1964. The Genera of the Flowering Plants (M). Oxford, Clarendon Press, 1: 344

Peng Z X, Yuan Y M, 1992. Systematic revision on Thermosideae (Leguminosae) of China (J). *Acta Bot Boreal - Occident Sin*, 12 (2): 158 ~ 166